

CEN® Electronic Material CF 120CF616 Polyimide Film

Category : Polymer , Thermoset , Polyimide, TS , Polyimide, Thermoset Film

Material Notes:

CEN®CF polyimide film is the general CEN®CN film that is coated or laminated on one or both sides with Teflon® FEP fluoropolymer.

CEN®CF imparts heat sealability, provides a moisture barrier, and enhances chemical resistance. Applications: require a heat bondable film, or moisture and chemical resistance beyond the capabilities of uncoated CEN®CN films, such as tubing, heater circuits, heat sealable bags, automotive diaphragms and manifolds, magnetic wire, PTC Insulation. All information provided by CEN Electronic Material Co., LTD.

Order this product through the following link:

http://www.lookpolymers.com/polymer_CEN-Electronic-Material-CF-120CF616-Polyimide-Film.php

Physical Properties	Metric	English	Comments
Thickness	22.0 - 28.0 microns	0.866 - 1.10 mil	Base; ASTM D374
	30.0 - 36.0 microns	1.18 - 1.42 mil	Total; ASTM D374

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 160 MPa	>= 23200 psi	ASTM D882
Elongation at Yield	>= 45 %	>= 45 %	ASTM D882
Peel Strength	>= 0.240 kN/m	>= 1.37 pli	IPC-TM-650

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 1.00e+13 ohm-cm	>= 1.00e+13 ohm-cm	ASTM D257
Surface Resistance	>= 1.00e+14 ohm	>= 1.00e+14 ohm	ASTM D257
Dielectric Strength	>= 200 kV/mm	>= 5080 kV/in	ASTM D149

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